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December 29, 1975

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Re: Dr. Richard J. Hickey

Gentlemen:

We have recently received from Dr. Richard J. Hickey a draft research proposal request for support on a project dealing with the contribution of air pollution, smoking, environmental variables and constitution to the occurrence of chronic disease in man (copy is enclosed). The project is for a period of one year and has a budget of \$58,531.00. We believe Dr. Hickey's work is important and we recommend approval of the proposal to be funded as a CTP Special Project.

Dr. Hickey has recently completed a two-year Special Project concentrating on the genotype or constitutional hypothesis with special emphasis on human levels of carboxyhemoglobin. Copies of Dr. Hickey's recent publications were sent to you with my letter of October 1, 1975. In November of 1975, he presented an invited paper on the effects of genetics on carboxy-hemoglobin levels at the University of Kentucky symposium on carbon monoxide and nicotine. Based on our subsequent conversations with some industry people who attended the symposium, Dr. Hickey's paper was well received and further work in this area was encouraged. Accordingly, Dr. Hickey proposes to continue to monitor the scientific literature on CO - CORb and expand his inquiry into the causes of carboxyhemoglobinemia.

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Perhaps the most important part of the proposed project is the accumulation of environmental data and its subsequent analysis. Dr. Hickey is now attempting to obtain recent nitrogen dioxide information from the Environmental Protection Agency. In this regard, we understand that the NO<sub>2</sub> data has not been released by the EPA because of internal conflict as to the correct testing procedure. If the EPA data remains unavailable, Dr. Hickey is prepared to analyze similar data from California. These studies will examine both the mutagenic effect of various air pollutants and the possible relationship between mortality rates and pollutants such as NO<sub>2</sub> and SO<sub>2</sub>.

In regard to the present research proposal, you will notice that Dr. Richard C. Clelland is listed as a co-principal investigator. Dr. Clelland is presently Associate Dean of The Wharton School at the University of Pennsylvania and is highly regarded in his field of statistics.

Please let us know of your decision on this proposal at your earliest convenience.

Sincerely,

Donald K. Hoel

DKH/ssd

cc: Joseph Grear, Esq.  
Alexander Holtzman, Esq.  
Ernest Papples, Esq.  
Lester Pollack, Esq.

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